

Utah Climatic Summary September 2015











Precipitation Reports for the Month of September



Station	Precipitation	Normal	% of Normal	Snowfall	Normal	% of Normal
Alpine	1.00	1.45	69	-	-	-
Alta	3.31	3.04	109	0.0	4.9	0
Altamont	0.79	1.25	63	-	-	_
Alton	2.67	1.54	173	-	-	-
Bear Lake State Park	0.92	_	-	-	-	-
Big Water	0.65	0.75	87	-	-	-
Boulder	1.23	1.37	90	-	-	-
Bountiful Bench	1.99	-	-	-	-	-
Brigham City	1.59	1.51	105	-	-	-
Bryce Canyon	2.09	1.72	122	0.0	0.1	0
Bullfrog Basin	0.25	0.85	29	-	-	-
Capitol Reef Nat'l Park	0.89	0.75	119	-	-	-
Castle Dale	0.65	0.99	66	-	-	-
Cedar Breaks Nat'l Mon	3.10	-	-	-	-	-
Cedar City Airport	0.88	0.66	133	-	-	-
Centerville	2.57	-	-	-	-	-
City Creek	2.04	2.05	99	-	-	-
Clearfield	1.54	-	-	-	-	-
Cottonwood Weir	1.88	1.99	94	-	-	-
Cutler Dam	1.85	1.35	137	-	-	-
Deer Creek Dam	1.56	1.67	93	-	-	-
Duchesne	0.71	1.21	59	-	-	-
Eden 2 N	2.21	-	-	-	-	-
Ephraim	0.10	1.18	8	-	-	-
Escalante	0.85	1.08	79	-	-	-
Ferron	0.25	1.08	23	-	-	-
Fillmore	0.01	1.09	1	-	-	-
Fremont Indian S.P.	0.42	0.82	51	-	-	-

Station	Precipitation	Normal	% of Normal	Snowfall	Normal	% of Normal
Hanksville	0.35	0.80	44	-	-	-
Hans Flat	0.60	1.08	56	-	-	-
Hatch	1.77	1.20	148	-	-	-
Helper-Carbon	0.64	1.85	35	-	-	-
Kanab	2.38	1.51	158	-	-	-
Kodachrome Basin	1.06	1.21	88	-	-	-
Levan	0.30	1.23	24	-	-	-
Loa	0.46	0.74	62	-	-	-
Logan Radio	1.72	1.43	120	-	-	-
Logan USU	1.70	1.53	111	-	-	-
Manti	0.05	1.21	4	-	-	-
Milford	0.45	0.87	52	-	-	-
Mountain Dell	2.42	2.12	114	-	-	-
Myton	0.44	1.58	28	-	-	-
Neola	0.72	1.36	53	-	-	-
Nephi	0.77	1.19	65	-	-	-
Ogden NE Bench	2.02	-	-	-	-	-
Panguitch	0.95	0.92	103	-	-	-
Pineview Dam	2.60	2.10	124	-	-	-
Provo BYU	1.38	1.45	95	-	-	-
Randolph	0.81	1.37	59	0.0	1.2	0
Salt Lake Int'l Airport	1.74	1.21	144	-	-	-
Salt Lake Triad Center	2.12	1.52	139	-	-	-
Santaquin	0.64	1.46	44	-	-	-
Scipio	0.00	1.23	0	-	-	-
Silver Lake Brighton	3.13	2.76	113	0.0	1.4	0
South Ogden	1.89	-	-	-	-	-
Spanish Fork	0.36	1.61	22	-	-	-
South Salt Lake	1.49	-	-	-	-	-
Stansbury Park	1.29	-	-	-	-	-
Summit	0.42	0.77	55	-	-	-
Trenton	2.15	1.28	168	-	-	-
Upper Millcreek	1.80	-	-	-	-	-
Utah Lake Lehi	0.73	1.16	63	-	-	-
Wanship Dam	1.02	1.56	65	0.0	0.3	0
Weber Basin Pump 3	1.45	1.77	82	-	-	-
Wellington 3 E	0.37	1.25	30	-	-	-

Sep 1st - Strong thunderstorms produced heavy rain across portions of central Utah, with lesser rainfall elsewhere across the state. Flash flooding occurred in areas of Capitol Reef National Park, including Sulphur Creek, Spring Canyon, and Chimney Rock Canyon.





Above (Left): Thunderstorm and rainbow in Castle Valley. (Right): Rain shaft from storm in South Ogden.

Precipitation Totals (inches)



Joes Valley	0.71	Capitol Reef N.P.	0.54	Fishlake	0.47
Manti Portable #4	0.37	Milford	0.36	Joes Valley Reservoir	0.29
Green River	0.28	NE Ogden Bench	0.22	Kanab	0.20
Duchesne	0.16	Moon Lake	0.14	Alta	0.12
Henry Mountain	0.12	Loa	0.09	South Ogden	0.09
West Point	0.07	Ogden	0.06	Beus Canyon	0.05
Horse Ridge	0.04	Escalante	0.03	Roy	0.03
Eden	0.03	Fountain Green 4ENE	0.03	St. George Airport	0.02
Syracuse	0.02	Layton	0.02	Morgan	0.02

Peak Wind Gusts (MPH)

Joes Valley	52	SR-65 @ Big Mtn Pass	48	Ogden Peak	46
Riverdale	45	Sandy	44	I-80 @ Grassey	43
Salt Lake Int'l Airport	41	Vernon Hill	41	Logan Summit	40
Clearspot	39	G.S.L. Marina	38	Brimstone Reservoir	38
Milford Airport	38	Baccus Highway	37	Dugway APG	35





Above (Left): Cloud to ground lightning in Trenton. (Right): Brush fire in West Point spawns a "Firenado".

Sep 7th - Scattered thunderstorms moved across portions of southern Utah, with the heaviest rain falling across the southwest areas of the state.

Precipitation Totals (inches)



Kanab	0.70	Veyo Powerhouse	0.36	Zion Canyon	0.35
Jensen Spring	0.30	Zion National Park	0.27	Signal Peak	0.21
Fremont Indian S.P.	0.19	Fishlake	0.19	Agua Canyon	0.16
Milford	0.14	Telegraph Flat	0.14	Monroe	0.12
Greenville Bench	0.12	Gardner Peak	0.10	St. George	0.10
Buck Flat	0.10	Willow Gulch	0.10	Bryce Canyon Airport	0.09
Parowan 10 NW	0.09	Ft. Pierce Wash	0.06	Big Water	0.05

Sep 13th - A round of showers and thunderstorms moved across southwest Utah, with heavy rain reported in and around Cedar City. Some storms produced gusty winds.

Precipitation Totals (inches)



Cedar City Airport	0.48	Henry Mountain	0.46	Cedar City	0.19
Lava Point	0.16	Coal Creek	0.13	Assay	0.12
Jensen Spring	0.05	Zion National Park	0.04	Milford Airport	0.02

Peak Wind Gusts (MPH)



Brimstone Reservoir	58	I-15 @ Black Ridge	49	St. George Airport	46
Portable Traffic 1	45	I-70 @ Fish Creek	45	Logan Summit	42



Above: A thunderstorm with heavy rain moving across the desert near the Arizona border.

Sep 14th - A tragic day in Utah weather history as flash floods took the lives of 20 people...13 in the town of Hildale and 7 in Zion National Park. The flood in Hildale swept a van and an SUV filled with 13 children and 3 women into Short Creek as in rushed out of Maxwell Wash. Three of the children survived, the rest of the people were killed. The flood also swept a car into the wash, but the driver escaped the vehicle. Thirteen homes were damaged as well. In Zion National Park, 4 men and 3 women were killed in a flash flood while canyoneering in Keyhole Canyon. Six of the victims were from California and one was from Nevada. Before this day, the most people killed in one day in flash floods in Utah had been 7, on August 13th 1923 near Farmington Canyon and June 10th 1965 in Sheep Creek Canyon while camping at Palisades Campground in the Uinta Mountains.



Top (Left): Flash flood waters rushing through Hildale. (Right): Hildale residents inspect the aftermath. Middle (Left): Water running across the bridge. (Right): Flood-ravaged SUV after flood waters receded. Bottom (Left): Car damaged in flash flood in Hildale. (Right): Very heavy rain obscuring Zion Temples.

Sep 15th-17th - Subtropical moisture combined with a series of weather disturbances brought periods of heavy rain and thunderstorms to most of the Beehive State. Some of the storms produced urban flooding along the Wasatch Front, with most flooding along the benches and across Salt Lake and Davis counties. Storms across southern and central Utah produced strong gusty winds as well. As the last disturbance rotated through, colder air pushed into northern Utah dropping snow levels down to around 9000 feet, temporarily whitening the higher peaks.













Top (Left): Heavy rain in Davis County as seen from SLC. (Right): Dark clouds moving over Utah County. Middle (Left): Street flooding along the Provo bench. (Right): Flood waters in Sandy at Falcon Park. Bottom (Left): Cyclist trying to maneuver through SLC flooding. (Right): Flooding in downtown Salt Lake.



Above: Heavy snowfall on John Paul Lift at Snowbasin.

Below: Several inches of heavy, wet snow fell at Snowbird.





Above: Fall colors mixed with a few inches of snow at Park City.

Below: Fresh dusting of snow on Ben Lomond Peak.



Precipitation Totals (inches) Alta-Collins 2.74 Alta-Base 4.11 3.23 Liberty **Bruin Point** 2.71 Bountiful 2.70 **Bountiful Bench** 2.66 Agua Canyon 2.62 Farmington 2.55 Pineview Dam 2.50 West Bountiful 2.39 Centerville 2.35 Lava Point 2.30 Salt Lake City 2.17 Zion National Park 2.15 **SLC Upper Avenues** 2.14 Lost Creek/Croyden 2.10 Sunnyside 2.06 Blacksmith Fork 2.04 2.04 Salt Lake Triad **Assay** 2.01 Fruit Heights 2.01 1.97 Cottonwood Heights West Valley City Holladay 1.94 1.94 1.93 1.90 **Buck Flat** Wellsville City Creek 1.86 Morgan 1.85 Richmond 1.85 Beus Canyon 1.84 Hyde Park 1.84 North Logan 1.84 Logan Campbell 1.83 Olympus Cove South Ogden 1.81 Clarkston 1.80 1.80 1.79 Upper Millcreek 1.79 Sandy 1.79 Logan Airport NE Ogden Bench 1.78 G.S.L. Marina 1.78 Eden 1.76 Smithfield 1.75 Salt Lake Int'l Airport 1.74 Olympus Hills 1.71 1.69 South Salt Lake 1.68 Sundance 1.67 **Brigham City** West Point 1.64 North Holladay 1.62 1.62 Layton South Weber 1.62 Riverside 1.60 Snowville (West) 1.57 Kaysville 1.54 Tremonton 1.53 **Emigration Canyon** 1.52 1.51 Snowville Aspen Mountain 1.51 Bryce Canyon Airport 1.50 Corinne 1.49 1.49 Moon Lake 1.49 Heber City 6 E Summit Park Hill A.F.B. 1.48 Deer Creek Dam 1.48 1.48 Magna 1.48 **Taylorsville** 1.47 Kearns 1.44 1.44 North Ogden 1.40 Providence Zion Canyon 1.42 Grantsville 2 W 1.40 1.39 **Bothwell** 1.39 Perry Mendon 1.38 Kanab 1.38 Thatcher 1.34 Rosebud 1.33 Apple Valley 1.31 Ogden Airport 1.31 Huntsville Clinton 1.30 Provo BYU 1.29 1.23 West Weber 1.20 Draper 1.19 Oakley 1.17 South Jordan 1.16 Thatcher 1.16 Hanna 1.16 Garland 1 SE 1.13 Orem 1.13 Clearfield-UDOT 1.13 Tooele 2 Stansbury Park 1.13 West Haven 1.12 1.10 Riverton 1.10 Harrisville-UDOT 1.06 Eagle Range 1.05 **Syracuse** 1.05 Provo 1.04 Oak City 10 ESE 1.04 Springdale 1.04 Echo Dam 1.03 Lehi 1.01 Peak Wind Gusts (MPH) Canyons-Lookout 80 Ogden Peak 75 U.S. 6 @ Eureka 73 **Bullfrog Marina** 72 Tule Valley 69 Sherwood Hills 62 59 58 55 Snowbasin-Wildcat Park City-Jupiter Sandy 55 Sundance-Arrowhead 55 54 Upper Cedar Mtn Lofty Lake G.S.L. Marina 51 I-15 @ Scipio Summit 51 Dog Valley 50 **English Village** 50 Dugway 50 Flight Park South 49 I-15 @ Beer Creek 49 Manti Portable #3 49 Delta Airport 48

Boulder Summit

Milford Airport

Olympus Hills

Oak City

48

47

43

41

Fillmore Airport

Cedar City Airport

Tooele 2

Hanksville

47

46

41

40

US-40 @ Starvation

Wendover Airport

Monroe

Salt Lake Int'l Airport

48

47

44

41



High Temperature Records For the Month of September



Sep 3rd - Record high minimum temperatures were set at Alpine 67 (63/2014), Alta 54 (51/2007), Cedar City Airport 62 (62/2007), Laketown 59 (59/1945), Salt Lake City 74 (69/2005), Tooele 75 (70/1955) and Wendover 72 (72/1987).

Sep 13th - Tooele broke their record high maximum temperature 92 (91/2006).

Sep 24th - Record high maximum temperatures were tied at Alta 74 (74/2001) and Cedar City Airport 88 (88/2001).

Sep 25th - Record high maximum temperatures were set at Alpine 90 (87/2014), Alta 74 (73/2014), Cedar City Airport 87 (87/2010), Duchesne 86 (86/1983), Salt Lake City 93 (92/2001), Spanish Fork 91 (91/1947) and Tooele 93 (91/2001).

Sep 26th - Record high maximum temperatures were set at Alta 72 (71/2010), Duchesne 86 (86/1947), Laketown 80 (80/2014), Provo BYU 93 (90/2014), Randolph 81 (81/2014), Salt Lake City 90 (89/1956), Spanish Fork 90 (90/1938), Tooele 93 (87/2014) and Wendover 91 (90/2009). Record high minimums were set at Fillmore 67 (61/1989) and Salt Lake City 68 (64/2014).

Sep 27th - Record high maximums were set at Capitol Reef Nat'l Park 87 (86/2001), Provo BYU 90 (90/2010), Spanish Fork 89 (89/1942) and Tooele 91 (89/2001). Record high minimum temperatures were set at Salt Lake City 70 (64/1922) and Wendover 63 (61/1989).

Sep 28th - Record high minimum temperatures were set at Alpine 62 (54/2008), Capitol Reef Nat'l Park 61 (61/2010), Fillmore 64 (62/1926), Laketown 51 (50/1991), Provo BYU 59 (57/2004), Spanish Fork 60 (58/2008), and Wendover 64 (64/2001).

Sep 30th - Record high minimums were set at Alpine 62 (55/2003), Alta 51 (49/1967), Duchesne 56 (52/1981), Fillmore 60 (59/2003), Laketown 51 (50/1991), Provo BYU 64 (55/1998), Randolph 46 (39/2014), Salt Lake City 67 (60/1892), Spanish Fork 64 (57/20038), and Wendover 61 (60/1967).



Low Temperature Records For the Month of September



Sep 8th - Brigham City set a record low minimum temperature 40 (41/2006).

Sep 15th - Cedar City Airport set a record low maximum temperature 70 (72/1978).



Record 24-Hour Precipitation For the Month of September



Sep 14th - Record 24-hour daily rainfall was set at Cedar City Airport 0.59 (0.39/1963).

Sep 16th - Record 24-hour daily rainfall was set at Brigham City 1.14 (0.94/1963), Salt Lake City 0.93 (0.89/1996), Utah Test Range 0.73 (0.60/1996), and Wendover 0.59 (0.19/2011).

THE SALT LAKE CITY UT CLIMATE SUMMARY FOR THE MONTH OF SEPTEMBER 2015

CLIMATE NORMAL PERIOD 1981 TO 2010 CLIMATE RECORD PERIOD 1874 TO 2015



WEATHER	OBSERVED		NORMAL	DEPART	LAST YEAR`S	
	VALUE	DATE(S)	VALUE	FROM NORMAL	VALUE	DATE(S)
TEMPERATURE	(F)					
RECORD						
HIGH	100	09/08/197				
LOW	27	09/18/196	5			
HIGHEST	93	09/25			94	09/17
LOWEST	45	09/18			45	09/12
AVG. MAXIMUM	83.2		79.2	4.0	81.7	
AVG. MINIMUM	58.5		53.0	5.5	58.2	
MEAN	70.8		66.1	4.7	69.9	
DAYS MAX >=	90 7		3.3	3.7	5	
DAYS MAX <=	32 0		0.0	0.0	0	
DAYS MIN <= 3			0.0	0.0	0	
DAYS MIN <= 0	0		0.0	0.0	0	
PRECIPITATION	I (INCHES)				
TOTALS	1.74	,	1.21	0.20	1.77	
DAYS >= .01	3		5.8	-1.4	11	
DAYS >= .10	3		2.8	0.0	7	
DAYS >= .50	2		0.7	-0.2	0	
DAYS >= 1.00	0		0.2	-0.1	0	
SNOWFALL (IN	CHES)					
TOTALS	0.0		0.0	0.0	0.0)
SINCE 7/1	0.0		0.0		0.0	

WEATHER	OBSERVED VALUE	NORMAL VALUE	DEPART FROM	LAST YEAR`S VALUE
			NORMAL	
DEGREE DAYS				
HEATING TOTAL	33	84	-51	32
SINCE 7/1	33	89	-56	32
COOLING TOTAL	215	117	98	189
SINCE 1/1	1420	1153	267	1242

WIND (MPH)

AVERAGE WIND SPEED	9.3		
HIGHEST WIND SPEED/DIRECTION	39/160	DATE	09/15
HIGHEST GUST SPEED/DIRECTION	47/160	DATE	09/15

WEATHER CONDITIONS. NUMBER OF DAYS WITH

THUNDERSTORM	4	RAIN	3
HAIL	0	SNOW	0
FOG	2	FOG W/VIS <= 1/4 MILE	0
HAZE	12		

- INDICATES NEGATIVE NUMBERS.
- R INDICATES RECORD WAS SET OR TIED.

MM INDICATES DATA IS MISSING.

T INDICATES TRACE AMOUNT.



Please e-mail comments, questions, suggestions, corrections, or concerns to the webmaster: w-slc.webmaster@noaa.gov

